

Giants Have Chased Their Jinx Away

What You Should Know About Your Auto; How To Drive and Keep It

Expert Advice How to Keep Automobiles Running Smoothly and the Best Way to Remedy Machine Trouble—Traffic Suggestions and Pleasure Routes for Evening World Readers.

By GEORGE H. ROBERTSON.

PLENTY of lubrication is the best way to increase the efficiency of a motor. Owners who show remarkable records for economical operation are those who understand the importance of lubrication. Every point in an engine which moves with reference to another point it touches must have lubrication. If this is proper, the parts will run for years and show but little sign of wear. If they run dry, even for a few hours, ruination is bound to result.

Another factor which tends to hurt the car is the oil. Never use a steam cylinder oil or anything but pure mineral oil in the motor, as vegetable oils contain acids which will decompose at the high temperature and attack the metal parts of the mechanism. Use special care during the first thousand miles the car is run. Excessive speed should be avoided. While about thirteen

points of good cylinder oil are normally sufficient for 500 miles, the car will consume more oil when it is new. Two changes of oil during the first thousand miles is also good judgment.

Always keep in mind that proper lubrication is more important than any other item in the care of the car.

I have a Model C-25 Buick (1915) touring car, run about 6,500 miles. Lately I have noticed a grinding sound, apparently coming from under the front floor boards. When I take my foot off the accelerator and slow car down. Cannot hear it when car is running over twenty miles per hour. Had carbon scraped off pistons and valves ground. An expert mechanic called said "back lash," caused from the pinion gear and large level gear in differential not meshing perfectly when car is slowing down.

I think that the pinion and level gears do make some of this noise, but it is caused not by imperfect meshing when car is slowing down, because they would do the same thing while car was in any sort of running. Noise made only when car is slowing down is usually caused by the back side of the pinion and level teeth being imperfectly fitted or ground. While slowing down the back sides of the teeth become the driving side, and being poorly fitted they make a grinding noise. In regard to any other noise while car is decreasing in speed I think you will find that some part or parts, from the clutch back to the differential, are worn.

As it is right for cylinder chamber, in which cylinders are working, to be with fluid while operating a Ford car? After cranking, car will stall or stop when placing foot on clutch to start, the hand brake being in mutual, backed fire with smoke around engine when cranking, engine spark lever being off, started on electric batteries. After running up hill for any distance with foot on clutch pressed in, car will slow up. All this will stop when taking foot off to go into high.

No fluid (oil, gasoline or water) should collect in cylinders. You have not mentioned what this fluid is, but if water the cylinders are cracked and need rejoining or re-boring. If oil, cylinders, pistons or valves rings are worn so badly that oil in excessive amount is permitted to enter cylinders. This would cause poor compression and lack of power and would also be the reason for stalling your motor so easily.

In a cylinder tire pump good for a tire and do they pump fresh air? Can you advise me where I can get a fly-wheel pump? How do you figure piston displacements of a motor?

AN OWNER.
Nearly any of the cylinder tire pumps deliver fresh air to the tires. Some, of course, do not prevent oil from being mixed with air, thus damaging the tire. You can get a fly-wheel pump from any concern making engine driven tire pumps. Piston displacement is figured by the following formula: $2\frac{1}{2} \times \text{stroke} \times \text{number of cylinders} = \text{P. D. in cubic inches}$.
D—Stroke. S—Number of cylinders. P. D.—Piston displacement.

Have a 1916 Dodge. When going up least bit of grade under fifteen miles engine makes grinding noise and knocks a little. Going over fifteen miles runs smoothly.

FRED RAUCH.
Believe your motor has a lot of carbon in it and would suggest having it cleaned out.
Will a twenty horsepower automobile engine give same amount of power in a boat as marine engine, same horsepower? Would it be advisable to put the auto engine in a boat?

C. F.
A twenty horsepower (rated) marine motor delivers usually a greater amount of power than an automobile motor of the same rating. The latter would be all right to put in your boat, but you would probably have to make extensive changes to use it successfully, such as a different screw, etc. Would advise you to use the marine

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According to Players, Giants Have Started On Pennant Climb

New York Club Wins Second Extra-Inning Game Over Reds in as Many Days, Largely Through Their Base Running.

By Baseman Bulger.

ACCORDING to the ball players, who feel the turning tide of the game without being able to explain it, the Giants have started on the upward climb and there is yet a fighting chance for the championship. "The Giants can win when the base-running fever hits 'em," says Matty, new leader of the opposition. "And the minute I saw George Burns and Davy Robertson get away with those two clean steals in the ninth I had a hunch that our well fought game had gone up in smoke."

And McGraw thinks the same way. "Speed on the bases is what won us the last three pennants, and without it any club is under a heavy handicap," he said. "A stolen base makes a single count for a double, and when a ball club can make a run without having to get a third hit they've got a terrible percentage."

The facts bear out this theory. In the eighth, for instance, when all was gloom, George Burns led off with a single, Dave Robertson and came home on Robertson's wallop. Davy immediately stole second and scored in on a wallop by Henry Kauff.

Two runs on three singles is baseball at its highest point of proficiency. Again, in the tenth, Burns and Robertson took the bit in their teeth, giving New York the second extra-inning game in as many days. It is the first time all season that they have been able to win an extra-inning game. Therefore, with the jinx killed and the players getting lively on the base paths, there is a chance.

Rube Henton has pitched some good ball in his day, but never before has he turned out a better exhibition in fooling opposing batters and a worse one in making enough wild pitches to let the Red Sox come within a hair of nullifying everything that he did in the way of pitching science.

The first run made by the Reds was due to an error by Herzog and a wild pitch by Henton. The second was scored in exactly the same way. Can you imagine the heartbeats of those fans as they saw the Giants pull the game out in the last half of the eighth only to have Henton lose it with a wild toss in the first half of the ninth?

In fact, it was a deadly duel of wild pitching throughout the afternoon. Heine Schults went in at the finish to give us a battle in wild tossing, and did fairly well. With a Giant runner on third and one run needed to win, Heine buried the ball far out of the bases and he had a chance to recover the ball and throw a runner out at some other base.

On the wild pitching score Henton led by one run. He out wild-pitched his opponent by a safe margin. Henton wild-pitched in both of the Cincinnati runs, while Heine Schults hurled in but the one needed to win. Had there been more opportunity he might have tied Henton's record.

On his third day as a prodigious son Charles Lincoln Herzog had a most disastrous afternoon. At most everything that rolled his way was safe, and after making three bobbles the Marylander threw down his glove in disgust. In the records he is charged with three errors, and there would have been six but for the fact that there were Red runners on the bases and he had a chance to recover the ball and throw a runner out at some other base.

For the first time since the beginning of his managerial career Matty used two pitchers in one game. At first entry, was going badly. Mitchell was removed for a desperate chance with a pinch hitter in the ninth, and the chance materialized enough to tie the score. It was then necessary for Schults to finish up the game, and the Giants are profoundly thankful therefore. He slipped it to us on a silver platter.

In the mean time the Yanks have sunk their teeth into first place and are doggedly holding on. Their victory over the White Sox yesterday met with loud acclaim at the Polo Grounds. The claim of the Yanks to gameness must now be recognized. When a crippled lot of ball players can triumph over a tough team like the White Sox they must be handed the palm.

Do you realize what it will mean if the Yanks can hold the lead until their crimples are all back on the job? It means that they ought to walk in with that pennant, that's all.

With Oldring's hitting strength and Gilhooly's Donovan ought to have by far the heaviest driving power in the league. The pitching has been excellent all season.

The most remarkable game and the most unique score of the year was furnished by the Dodgers in clinching their hold on the top.

ENGINEERS WILL HOLD GAMES TO-MORROW.
The games of Local 20, International Union of Engineers, which are slated to take place to-morrow afternoon at Celtic Park, promise to eclipse any of their predecessors. Champions of all sorts and conditions have signified their intention of contesting for the valuable prize offered.

The 1,000 yards handicap is to be one of the features. It is a race called out of the champions past and present, such as Willie Gordon, Wilson Adams, Joe Brown, W. R. Granger and men of great ability. The sprint race should be a corker, with Bobby Cloughan, Jack Eller and other dash stars entered. Kerry and Waterford are all ready to take the field for the championship Gaelic football game.

ROY HARTZELL SENT TO THE MINORS AFTER TEN YEARS IN MAJORS.

After ten years of usefulness as a major leaguer and nearly six years of utility in a Yankee uniform, Roy Hartzell is released to the Baltimore club, to replace Elmer Miller, who had been recalled. As a Yankee, Hartzell saw service under four managers—Hal Chase, Harry Wetherston, Frank Chance and Bill Donovan. His going leaves only Ray Fisher and Ray Caldwell as the veteran corps of the club, for the pitchers were Yankees when Hartzell came here to play third base in the spring of 1911.

With H. Louis making five runs in the second inning, things looked gloomy even to the optimistic Robbie. But the Dodgers came right back with five in their half, tying the score. It kept that way until the last inning, when Brooklyn tore off a bunch and won.

Robbie says his stomach muscles ache nowadays from laughing over the bulk about his club being due to crack.

Matty and his club have gone away from here now, and the baseball calendar calls for a double header with the Pirates to-day. It looks like a good chance.

A report in circulation early in the day that Marquard was to be traded back to the Giants for Arthur Fletcher was denied by Ebbets. It is said, however, that McGraw is after Jack Barnes or Frank Allen, both of the Red Sox, and that the dealings will let either go with the pennant race so tight.

Johnson and Dorsey Win.

Colored boxers won the two feature ten-round bouts at the Harlem Sporting Club last night. Leo Johnson outpointing Shamus O'Brien, the aggressive Yonkers lightweight, and Eddie Dorsey winning from Johnny Lore of the west side. O'Brien surprised the crowd by the good battle he put up against the clever Johnson. He was trained to the minute and kept on top of Johnson all the time. Lore showed good form against Dorsey and was only shaded.

Learning Golf with Alex Smith

How to Play the Important Chip Shot to the Green With the Mashie.

By Alex Smith.

(Former National Open Champion.)

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THE mashie swing is made with both feet solid on the ground. Take a position rather close to the ball, with the left foot well in advance of the right. In this position the ball should be very nearly in line with your left foot. With the mashie, as for the other irons, the ball and ground must be struck at the same time. To get off the correct shot it is essential to take some turf in the follow through. As the mashie only needs a quick hit or snap, the follow through consequently is not carried as far back as for most of the other clubs. It is singular that many players when using the mashie and other clubs make a quick swing, while others indulge in a lot of aiming. This is a matter of temperament. Personally I do but little preliminary swinging and aiming.

Too much aiming often spoils the shot. Many beginners, and even players with more experience, find playing the mashie difficult simply because they attempt to use a full shot or stroke with the club. I always play the mashie with a half stroke. Occasionally I need a full stroke when it is necessary to pitch over a tree or some other high obstacle. This, however, is a rare occurrence.

The mashie is the hardest club in the bag to get good direction with when making a full stroke, and except in a few instances I prefer the midiron instead of the mashie for full strokes. This matter of selection is a hard task for beginners. At first they generally try playing the mashie with a full stroke and then easily fall into the bad habit of hooking the ball. Mashie shots are never intended to go a long distance. Most of the mashie shots are only a matter of about twenty-five or fifty feet to the green. It is at this time that the mashie becomes a treacherous club in the hands of a novice when he tries to make a full swing for so short a distance.

The best shots with the mashie are undoubtedly the chips to the green. I have found the chip the most important of all shots. I have practiced more with it than for any other play, and the result has repaid me for the time so spent. Purpose of the chip shot is, when at a distance of about ten or fifteen feet from the green, to give the ball a short pitch or loft and then let it run down to the hole. The shot is made with both wrists stiff on the back stroke, and the swing is so short that the club really stays in the ground at the finish of the stroke. There is no follow through. I never try to stop the ball from rolling, for that's where the beauty of the chip shot comes in—its ability to make a long, accurate roll for the hole.

My faith in the chip is so great that I would recommend to beginners that as soon as they gain a good idea of the mashie to start practicing with the chip shot. I do not think that with the proper amount of preparation

MAJOR LEAGUE RESULTS AND STANDING OF CLUBS

National League		American League	
Club	W. L. P. C.	Club	W. L. P. C.
Brooklyn	41 33 507	Chicago	43 47 478
Boston	45 35 565	Pittsburgh	35 45 464
Philadelphia	47 37 599	St. Louis	42 41 485
N. York	41 48 488	Cleveland	37 44 497

Results of Games Yesterday.

Club	W. L. P. C.	Club	W. L. P. C.
New York	41 33 507	Chicago	43 47 478
Brooklyn	41 33 507	St. Louis	42 41 485
Boston	45 35 565	Philadelphia	47 37 599
Philadelphia	47 37 599	Pittsburgh	35 45 464

Games To-Day.

Club	W. L. P. C.	Club	W. L. P. C.
Pittsburgh at New York (two games)		New York at St. Louis	
Cincinnati at Brooklyn (two games)		Philadelphia at Chicago	
St. Louis at Boston (two games)		Boston at Detroit	
Chicago at Philadelphia (two games)		Washington at Cleveland	



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Alex Smith Gives More Hints for Golf Novices

They will go far wrong. Certainly, to be able to approach well with the mashie will give many novices in a word of the links. Eighth of a golf series by Alex Smith which appears on these pages once a week as an exclusive Evening World feature.

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